Arthritis & Rheumatism

Official Journal of the American College of Rheumatology

VOLUME 38	JANUARY 1993	NO.
Special Articles		
	d's Phenomenon and Scleroderma: Dysregulated Neuroendothelial	Control
Bashar Kahaleh and Ma	arco Matucci-Cerinic iinflammatory Drugs and the Gastrointestinal Tract: The Double-Ec	
Sword		
David R. Lichtenstein, S. Clinical Science	Sapna Syngal, and M. Michael Wolfe	
The Prevalence and Charac Frederick Wolfe, Kathry Rheumatoid Arthritis Treat	cteristics of Fibromyalgia in the General Population on Ross, Janice Anderson, I. Jon Russell, and Liesi Hebert ted with Tenidap and Piroxicam: Clinical Associations with Cytoki	
Modulation by Tenidap Bruce H. Littman, Celer	na E. Drury, Rupert O. Zimmerer, Catharine B. Stack, and	
C. Gordon Law		29
Validity and Reliability of Activity	the Twenty-Eight-Joint Count for the Assessment of Rheumatoid	Arthritis
Graham L. Wylie, and J	and C. Breedveld, Gabriele Eberl, Ieuan Jones, Michael Leeming, John Kirkpatrick	31
Validation in a Prospective	Scores that Include Twenty-Eight-Joint Counts: Development and Longitudinal Study of Patients with Rheumatoid Arthritis van 't Hof, H. H. Kuper, M. A. van Leeuwen, L. B. A. van de Pa	
P. L. C. van Riel	essive Symptoms Among Women with Rheumatoid Arthritis: The	44
Function Patricia P. Katz and Ed	lward H. Yelin	49
	me: A Psychiatric Syndrome Mimicking Reflex Sympathetic Dystro	
Environmental and Genetic Members of Healthy Famil	c Factors Affecting Bone Mass: Similarity of Bone Density Among	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Pierre Jouanny, Francis Use of Magnetic Resonanc Quantify Muscle Dysfuncti	Guillemin, Claude Kuntz, Claude Jeandel, and Jacques Pourel te Imaging and P-31 Magnetic Resonance Spectroscopy to Detect a tion in the Amyopathic and Myopathic Variants of Dermatomyositis. Olsen, Lloyd King, Jr., Terri Vital, Robert Buse, Suresh Kari,	and
Marta Hernanz-Schulme	an, and Ronald R. Price	6
Basic Science	vial Fluid Markers of Cartilage and Bone Turnover and Scintigraph	hic Scan
Abnormalities in Osteoarth		ne Scan
Mohammed Sharif, Emil Increased Release of Bone	manuel George, and Paul A. Dieppe Sialoprotein into Synovial Fluid Reflects Tissue Destruction in	
Rheumatoid Arthritis Tore Saxne, Lelis Zunin	no, and Dick Heinegård	8:
The Role of T Cell Receptor Michael McDermott, De	or β Chain Genes in Susceptibility to Rheumatoid Arthritis aniel L. Kastner, John D. Holloman, Gabriele Schmidt-Wolf,	
Brian Mulcahy, Fergal	nesh A. Sinha, Christine Hsu, Patrick Cashin, Michael G. Molloy, O'Gara, Fiona I. McConnell, Claire Adams, Muhammad A. Khan, nce A. Rubin, Daniel O. Clegg, Dee Husebye, Christopher I. Amo	,
	h O. McDevitt	

	els in Patients with Rheumatoid Arthritis	
	awski, Ranjeny Thomas, Jackie E. McFarlin, Hendrik Schulze-Koops,	
Laurie S. Davis, Kenji Fuj	jita, and Peter E. Lipsky	96
Factor \alpha Production and Mar	in Rheumatoid Cachexia: Association with Spontaneous Tumor Necrosis rkers of Inflammation	
	ca A. Roubenoff, Jacob Selhub, Marie R. Nadeau, Joseph G. Cannon,	
	A. Dinarello, and Irwin H. Rosenberg	105
	ne Polymorphism in Systemic Lupus Erythematosus	
	den, M. Chantal Hillarby, David Carthy, David M. Grennan,	440
Wendy Thomson, and Will	liam E. R. Ollier	110
	tiphospholipid Syndrome by Bone Marrow Cell Transplantation: The	
Importance of the T Cell	anir, P. Vardi, B. Gilburd, A. Tincani, Y. Tomer, and Y. Shoenfeld	115
Analysis of the Mi-2 Autoant		113
	d P. Trieu, and Ira N. Targoff	123
Measurement of Radiographic	c Changes in Adjuvant-Induced Arthritis in Rats by Quantitative Image	123
Analysis	c changes in Adjuvant-Induced Artificis in Rats by Quantitative image	
	Hildebrand, Richard A. Angelo, Lynnetta M. Watts, Mark D. Murphey,	
		129
Case Reports		127
Spinal Involvement in Gout		
	ouat, D. Rey, J. G. Bloch, and D. Christmann	139
	Marrow Toxicity and Low Activities of Purine Enzymes in Patients with	
Rheumatoid Arthritis		
Pit J. S. M. Kerstens, Jan	N. Stolk, Ronney A. De Abreu, Lambert H. J. Lambooy,	
Leo B. A. van de Putte, an	nd Agnes A. M. T. Boerbooms	142
Concise Communication		
	ctivation by Intravenous Immunoglobulins	
	fferli	146
Letters		
Evaluation of Cyclophosphan	mide Treatment of Systemic Sclerosis-Associated Pulmonary	
Dysfunction: Comment on th	e Article by Akesson et al	
Stephen Bicknell, Narayan	nan Menon, and Rajan Madhok	147
Reply		
	cheja, Anders Lundin, and Frank A. Wollheim	147
Nomenclature and Classificat		1.47
		147
Reply	Ronald J. Falk	148
	Ronala J. Faik	
ACK Amountains		1171
VOLUME 38	FEBRUARY 1995	O. 2
Special Articles		
Review: Inhibition of the Pro	oduction and Effects of Interleukin-1 and Tumor Necrosis Factor α in	
Rheumatoid Arthritis		
William P. Arend and Jea	n-Michel Dayer	151
	exual Abuse Cause Fibromyalgia?	
	rrison G. Pope, Jr	161
Basic Science		
Metabolism and Destruction:	r Necrosis Factor α, and Interleukin-6 in Cartilage Proteoglycan : Effect of In Situ Blocking in Murine Antigen- and Zymosan-Induced	
Arthritis		
	eo A. B. Joosten, Peter L. E. M. van Lent, Onno J. Arntz, and	***
Changes in Cartilage Comment	osition and Physical Properties Due to Stromelysin Degradation	164
	liot H. Frank, Jane C. Murray, Claribel G. Paguio, Vernon L. Moore,	
	D. Sandy, Jiann-Jiu Wu, David R. Eyre, and Alan J. Grodzinsky	173
MICHAEL W. LUIK, JOHN D	. Dunny, Junitaria wa, David R. Lyre, and Alan J. Groughisky	1/3

Correlation of Soluble Adhesion Molecules in the Peripheral Blood of Scleroderma Patients with	
Their In Situ Expression and with Disease Activity	
Matthias S. Gruschwitz, Otto P. Hornstein, and Peter von den Driesch	184
Erythrocyte CR1	
Polly J. Ferguson, Craig J. Reist, Edward N. Martin, Cyd Johnson, Kirsten L. Greene, Susan	
Kuhn, Joann Niebur, Woodruff Emlen, and Ronald P. Taylor	190
Acceleration of Experimental Lapine Osteoarthritis by Calcium Pyrophosphate Microcrystalline	
Synovitis	
Adel G. Fam, Isabella Morava-Protzner, Carrie Purcell, Beverly D. Young, Peter S. Bunting, and	201
Anthony J. Lewis	201
Serum Cytokines in Juvenile Rheumatoid Arthritis: Correlation with Conventional Inflammation	
Parameters and Clinical Subtypes	
Harald Mangge, Harald Kenzian, Siegfried Gallistl, Gudrun Neuwirth, Peter Liebmann,	211
Wilhelm Kaulfersch, Friedrich Beaufort, Wolfgang Muntean, and Konrad Schauenstein	211
Polymorphism	
Tarra L. McDowell, Julian A. Symons, Rafal Ploski, Øystein Førre, and Gordon W. Duff	221
Clinical Science	221
The Prevalence of Sexual Abuse in Women with Fibromyalgia	
Mary Lou Taylor, Dana R. Trotter, and M. E. Csuka	229
Sexual and Physical Abuse in Women with Fibromyalgia Syndrome	6667
Mathilde H. Boisset-Pioro, John M. Esdaile, and Mary-Ann Fitzcharles	235
Renal Biopsy Findings and Clinicopathologic Correlations in Rheumatoid Arthritis	200
Heikki J. Helin, Markku M. Korpela, Jukka T. Mustonen, and Amos I. Pasternack	242
Reduced Red Blood Cell Deformability in Patients with Rheumatoid Vasculitis: Improvement After In	- 1-
Vitro Treatment with Dipyridamole	
C. S. Lau, A. R. Saniabadi, and J. J. F. Belch	248
Synovial Tissue Response to Treatment with Campath-1H	
Eric M. Ruderman, Michael E. Weinblatt, Linda M. Thurmond, Geraldine S. Pinkus, and	
Ellen M. Gravallese	254
HLA Type as a Predictor of Mixed Connective Tissue Disease Differentiation: Ten-Year Clinical and	
Immunogenetic Followup of 46 Patients	
Nagui S. T. Gendi, Ken I. Welsh, Walther J. van Venrooij, Rama Vancheeswaran, Jill Gilroy, and	
Carol M. Black	259
The Independence and Stability of Socioecomonic Predictors of Morbidity in Systemic Lupus	
Erythematosus	
Elizabeth W. Karlson, Lawren H. Daltroy, Robert A. Lew, Elizabeth A. Wright,	
Alison J. Partridge, W. Neal Roberts, Steven H. Stern, Karin V. Straaton, Mary C. Wacholtz,	242
Jodi M. Grosflam, and Matthew H. Liang	267
Long-Term Survival in Systemic Lupus Erythematosus: Patient Characteristics Associated with	
Poorer Outcomes	-274
Michael M. Ward, Elise Pyun, and Stephanie Studenski	214
Case Report Pseudoseptic Inflammatory Knee Effusion Caused by Phagocytosis of Sickled Erythrocytes After	
Fracture into the Knee Joint	
Delani Mann and H. Ralph Schumacher, Jr.	284
Radiologic Vignette	
Stephen M. Bravo and Barbara N. Weissman	288
Erratum	290
Concise Communications	
Interstitial Pneumonia Due to Cytomegalovirus Following Low-Dose Methotrexate Treatment for	
Rheumatoid Arthritis	
Ferdinand Aglas, Franz Rainer, Josef Hermann, Judith Gretler, Elisabeth Hüttl, Wolfgang Domej,	201
and Guenter J. Krejs	291
Evaluation of Bone Turnover and Bone Mass During Tapering Estrogen Therapy: A Preliminary	
Report Francesco Bools Contatore Ettera Cicinalli Biotra Calentina Vita Bone Antonia Banalizia	
Francesco Paolo Cantatore, Ettore Cicinelli, Pietro Galantino, Vito Pepe, Antonio Popolizio, Francesco Savino, Gabriella Balzano, and Silvana Epifani	292
Serum Concentrations of Two Cartilage Matrix Proteins Reflecting Different Aspects of Cartilage	676
Turnover in Relapsing Polychondritis	
Tore Saxne and Dick Heinesård	294

Clinical Images	o Diffuse Idiopathic Skeletal Hyperostosis	
	Valencia	296
Letters		
Rheumatoid Arthritis: Comme	t-Effective Strategy for Methotrexate Liver Toxicity Monitoring in ant on the Article by Kremer et al	
	M. Harrington, James L. Perruquet, Duane E. Davis, and	297
Reply		291
Joel M. Kremer, Graciela S	S. Alarcón, and Michael E. Weinblatt	297
Reply	ri, John Jessop, and Paul Wordsworth	298
	. Dugowson	299 300
VOLUME 38	MARCH 1995	0. 3
Special Articles	A.4.:	
Viewpoint: Some Thoughts or John P. Atkinson		301
Review: Receptors for Immun Robert P. Kimberly, Jane 1	noglobulin G: Molecular Diversity and Implications for Disease E. Salmon, and Jeffrey C. Edberg	306
Rheumatoid Arthritis from a S	Student's Perspective	315
Clinical Science		313
	rapy for Rheumatoid Arthritis: A Model Based on Costs of Drug,	
	ert F. Meenan	318
Prednisone Treatment of Elde Comparison with Chloroquine	erly-Onset Rheumatoid Arthritis: Disease Activity and Bone Mass in e Treatment	
Aeilko H. Zwinderman, K.	g, Roelf Valkema, Ben A. C. Dijkmans, Socrates Papapoulos, Hubert Han, Ernest K. J. Pauwels, and Ferdinand C. Breedveld Velocity in the Elderly: An Evaluation Using Regression Trees	334
Guidelines for Clinical Trials Barbara White, Eugene A.	in Systemic Sclerosis (Scleroderma). I. Disease-Modifying Interventions Bauer, Lowell A. Goldsmith, Marc C. Hochberg, Linda M. Katz, Lachenbruch, E. Carwile LeRoy, Margaret P. Mitrane,	343
	E. Postlethwaite, and Virginia D. Steen	351
Lyme Arthritis in European C	Children and Adolescents	
Angelika Thon, Wassilios I	Karch, Hans-Joachim Suschke, Eva Döring, Gerd Ganser, Bentas, and the Pediatric Rheumatology Collaborative Group Rheumatica in Olmsted County, Minnesota, 1970–1991	361
	G. Gabriel, W. Michael O'Fallon, and Gene G. Hunder	369
Correlation Between Infection	n and the Onset of the Giant Cell (Temporal) Arteritis Syndrome:	
	Vaxman, Ahmed A. Abdoh, and Leonard H. Serebro	374
, 0 1	condynus in a Nationwide Series of Twins	381
		383
Basic Science	Land A. C. H. C. H	
Bone Marrow of Patients with	heumatoid Factors by CD14+ Monocyte-Lineage Cells Generated from	
	Yanagida, Michinobu Koda, Masahito Koiwa, Shin'ichi Yoshino, and	
Takahiro Ochi		384
	ulin Heavy Chain in Human Anti-DNA Antibody Binding Specificity egory A. Denomme, Jane Y. Edwards, David A. Bell, and Ewa Cairns	389

Rheumatoid Arthritis Ulf Müller-Ladner, Jörg Kriegsmann, Jürg Tschopp, Renate E. Gay, and Steffen Gay Apoptosis and Functional Fas Antigen in Rheumatoid Arthritis Synoviocytes Toshihiro Nakajima, Hiroyuki Aono, Tomoko Hasunuma, Kazuhiko Yamamoto, Toshikazu Shirai, Kazuhi Hirokata, and Kusuki Nichioka	477
Basic Science Demonstration of Granzyme A and Perforin Messenger RNA in the Synovium of Patients with	
Special Articles ACR Presidential Address: My Granddaughter, the Rheumatologist Herbert Kaplan Review: Mechanisms of Autoimmune Disease Induction: The Role of the Immune Response to Microbial Pathogens Samuel M. Behar and Steven A. Porcelli	
VOLUME 38 APRIL 1995	0. 4
	0.4
Book Reviews	
Joseph H. Korn	
Jeffrey N. Katz, Matthew H. Liang, Sherine E. Gabriel, and Paul D. Cleary Diagnosis of Arthritis by Primary Care Providers Versus Rheumatologists: Comment on the Article by Chan et al	
Features of Male Versus Female Patients Undergoing Surgery for Osteoarthritis: Comment on Two Recent Articles	448
Letters	440
Gregg D. Middleton, Jackie E. McFarlin, and Peter E. Lipsky Acute Posterior Multifocal Placoid Pigment Epitheliopathy in a Patient with Systemic-Onset Juvenile Rheumatoid Arthritis: Treatment with Cyclosporin A and Prednisone Walter J. Bridges, Constantine Saadeh, and Robert Gerald	
Concise Communications Hydroxychloroquine and Pain Thresholds	445
Douglas C. Kutz and Alan J. Bridges In Memoriam	
Dermatologic Vignette Bullous Rash and Brown Urine in a Systemic Lupus Erythematosus Patient Treated with Hydroxychloroquine	
Polymyositis, Pulmonary Fibrosis, and Hepatitis C David Weidensaul, Talha Iman, Margaret-Mary Holyst, Paul D. King, and Robert W. McMurray.	
Case Reports Severe Anemia as the Presenting Manifestation of Giant Cell Arteritis L. Michael Weiss, Emilio Gonzalez, Stephen B. Miller, and Carlos A. Agudelo	434
New Manuscripts to be Sent to Dr. William P. Arend as of April 1	433
Excessive Function of Peripheral Blood Neutrophils from Patients with Behçet's Disease and from HLA-B51 Transgenic Mice Mitsuhiro Takeno, Ai Kariyone, Naomi Yamashita, Masafumi Takiguchi, Yutaka Mizushima, Hidetoshi Kaneoka, and Tsuyoshi Sakane	
Johanne Martel-Pelletier Discoordinate Gene Expression of Aggrecan and Type II Collagen in Experimental Osteoarthritis John R. Matyas, Mark E. Adams, Dingqiu Huang, and Linda J. Sandell	413
Dependent on Growth Hormone Action Sylvain Doré, Thierry Abribat, Nicole Rousseau, Paul Brazeau, Ginette Tardif, John Anthony DiBattista, Jean-Marie Cloutier, Jean-Pierre Pelletier, and	
Pierre-Yves Hatron, André-Bernard Tonnel, and Bernard Gosselin	406
Role of Resident Mast Cell-Derived Tumor Necrosis Factor α Mohamed Hebbar, Philippe Lassalle, Anne Janin, Dominique Vanhée, Sophie Bisiau,	
Ribonucleoprotein Antibody: Relationship to Immunoreactivity with Individual Constituent Proteins Masataka Kuwana, Yutaka Okano, Junichi Kaburaki, Kimiyoshi Tsuji, and Hidetoshi Inoko E-Selectin Expression in Salivary Endothelial Cells and Sera from Patients with Systemic Sclerosis:	396
Major Histocompatibility Complex Class II Gene Associations with Anti-U1 Small Nuclear	

Complement Components C1q, C1r/C1s, and C1INH in Rheumatoid Arthritis: Correlation of In Situ Hybridization and Northern Blot Results with Function and Protein Concentration in Synovium and Primary Cell Cultures	
Susanne Breitner, Stephan Störkel, Wolfgang Reichel, and Michael Loos Use of Immunohistologic and In Situ Hybridization Techniques in the Examination of Sacroiliac Joint	492
Biopsy Specimens from Patients with Ankylosing Spondylitis Jürgen Braun, Matthias Bollow, Lucia Neure, Eva Seipelt, Fikret Seyrekbasan, Hermann Herbst,	
Ulrich Eggens, Armin Distler, and Jochen Sieper	499
Impaired Polyclonal T Cell Cytolytic Activity: A Possible Risk Factor for Systemic Lupus	177
Erythematosus	506
Cross-Linked Elastin and Collagen Degradation Products in the Urine of Patients with Scleroderma	506
Phillip J. Stone, Joseph H. Korn, Heather North, Edward V. Lally, Laurie C. Miller,	
	517
Increased Proteoglycan Synthesis in Cartilage in Experimental Canine Osteoarthritis Does Not Reflect a Permanent Change in Chondrocyte Phenotype	
G. Venn, M. E. J. Billingham, and T. E. Hardingham	
New Manuscripts to be Sent to Dr. William P. Arend as of April 1	532
Clinical Science	
Critical Appraisal of Continuing Medical Education in the Rheumatic Diseases for Primary Care Physicians	
Richard Glazier, Rachelle Buchbinder, and Mary Bell	533
Knee Osteoarthritis in Former Runners, Soccer Players, Weight Lifters, and Shooters	
Urho M. Kujala, Jyrki Kettunen, Heli Paananen, Teuvo Aalto, Michele C. Battié, Olli Impivaara,	
Tapio Videman, and Seppo Sarna	539
HLA-DR8 and Acute Anterior Uveitis in Ankylosing Spondylitis	
S. M. Monowarul Islam, Jiro Numaga, Yujiro Fujino, Kanjiro Masuda, Hiromi Ohda,	- 47
Ranko Hirata, Hiroo Maeda, and Hiroshi Mitsui	547
The Prevalence and Incidence of Systemic Lupus Erythematosus in Birmingham, England: Relationship to Ethnicity and Country of Birth	
Angela E. Johnson, Caroline Gordon, Robert G. Palmer, and Paul A. Bacon	551
Clinical Images	331
The Iron Salute: A Sign of Hemochromatosis	
Gaye Cunnane and J. Desmond O'Duffy	558
Radiologic Vignette	
Stephanie Durieux, Pierre Brugieres, Marie C. Voisin, Daniel Goutallier, Bruno Larget-Piet, and Xavier Chevalier	559
Conference Summary	337
Summary of the Sixth International Conference on Lyme Borreliosis	5/5
Leonard H. Sigal	565
Case Report Gouty Arthritis in the Acquired Immunodeficiency Syndrome: An Unusual but Aggressive Case	
Eddys Disla, Scott Stein, Mabel Acevedo, and Girolamo Cuppari	570
Concise Communication	510
Toxic Epidermal Necrolysis after Sulfasalazine Treatment of Mild Psoriatic Arthritis: Warning on the	
Use of Sulfasalazine for a New Indication	
D. Jullien, P. Wolkenstein, E. Roupie, J. C. Roujeau, and J. Revuz	573
Letters	
Matrix Metalloproteinase Inhibitors in the Treatment of Arthritis: Comment on the Article by Vincenti et al	
Robert A. Greenwald	574
Reply	
Ian M. Clark, Matthew P. Vincenti, and Constance E. Brinckerhoff	574
Parenteral Methotrexate: Effective Shelf-Life Following Initial Puncture of Preservative-Protected Vial	
Patricia G. Hunt, Carlos D. Rose, and Chris Smith	575
Cost and Handling of Parenteral Methotrexate Howard J. Swanson	
Book Reviews	575

pe	cial Article	
	Review: T Cell Receptors in Rheumatoid Arthritis	
	Linda Struyk, Gail E. Hawes, May K. Chatila, Ferdinand C. Breedveld, James T. Kurnick, and	
	Peter J. van den Elsen	577
li	nical Science	
	The Arthritis Knowledge Questionnaire: A Test for Measuring Patient Knowledge of Arthritis and Its Self-Management	
	Steven M. Edworthy, Gerald M. Devins, and Margaret M. Watson	590
	Every-Other-Week Methotrexate in Patients with Rheumatoid Arthritis: A Double-Blind, Placebo-Controlled Prospective Study	220
	Joel M. Kremer, Joanna M. S. Davies, Richard I. Rynes, Steven Fink, David A. Lawrence,	601
	Gayle F. Petrillo, and Patrick M. Mullaly	601
	An Analysis of Forty-Two Wegener's Granulomatosis Patients Treated with Methotrexate and	
	Prednisone	
	Michael C. Sneller, Gary S. Hoffman, Cheryl Talar-Williams, Gail S. Kerr, Claire W. Hallahan,	
	and Anthony S. Fauci	608
	Complications Resulting from the Use of Chinese Herbal Medications Containing Undeclared Prescription Drugs	
	Elie Gertner, Peter S. Marshall, Dean Filandrinos, Arnold S. Potek, and Theresa M. Smith	614
	Sulfasalazine in the Treatment of Spondylarthropathy: A Randomized, Multicenter, Double-Blind, Placebo-Controlled Study	
	Maxime Dougados, Sjef van der Linden, Marjatta Leirisalo-Repo, Bernhard Huitfeldt,	
	Roger Juhlin, Eric Veys, Henning Zeidler, Tore K. Kvien, Ignazio Olivieri, Ben Dijkmans,	
	Jim Bertouch, Peter Brooks, John Edmonds, Gabor Major, Bernard Amor, and Andrei Calin	618
	Racial Differences in the Incidence of Gout: The Role of Hypertension	
	Marc C. Hochberg, John Thomas, D. Johniene Thomas, Lucy Mead, David M. Levine, and	
	Michael J. Klag	628
	Antineutrophil Cytoplasmic Antibodies in Systemic Lupus Erythematosus: Prevalence, Specificities, and Clinical Significance	
	Armin Schnabel, Elena Csernok, David Aisenberg, Christian Mrowka, and Wolfgang L. Gross	633
	Absence of Parvovirus B19 Infection in Chronic Fatigue Syndrome	
	Robert L. Ilaria, Jr., Anthony L. Komaroff, Laura R. Fagioli, William C. Moloney,	
	Cheryl A. True, and Stanley J. Naides	638
la	sic Science	
	Dysregulation of the In Vivo Production of Interleukin-1 Receptor Antagonist in Patients with	
	Rheumatoid Arthritis: Pathogenetic Implications	
	Ian C. Chikanza, Pascal Roux-Lombard, Jean-Michel Dayer, and Gabriel S. Panayi	642
	CD28 Expression on T Cell Subsets In Vivo and CD28-Mediated T Cell Response In Vitro in Patients	
	with Rheumatoid Arthritis	
	Peter P. Sfikakis, Amalia Zografou, Vassilis Viglis, Aliki Iniotaki-Theodoraki, Ifigenia Piskontaki,	
	George C. Tsokos, Paul Sfikakis, and Helen Choremi-Papadopoulou	649
	Monoclonal Antibodies that Detect Biochemical Markers of Arthritis in Humans	
	Robert R. Slater, Jr., Michael T. Bayliss, Paul F. Lachiewicz, Denise M. Visco, and	
	Bruce Caterson	655
	Large and Small Proteoglycans of Osteoarthritic and Rheumatoid Articular Cartilage	
	Gabriella Cs-Szabó, Peter J. Roughley, Anna H. K. Plaas, and Tibor T. Glant	660
	Transforming Growth Factor β 1, a Major Stimulator of Hyaluronan Synthesis in Human Synovial	
	Lining Cells	
	Hans-Dieter Haubeck, Rüdiger Kock, Dagmar-Christiane Fischer, Eddy Van de Leur,	
	Karin Hoffmeister, and Helmut Greiling	669
	EDA-Containing Fibronectin is Synthesized from Rheumatoid Synovial Fibroblast-Like Cells	
	Kazuo Hino, Shunichi Shiozawa, Yasuo Kuroki, Hitoshi Ishikawa, Kazuko Shiozawa,	
	Kiyotoshi Sekiguchi, Hisanobu Hirano, Eiji Sakashita, Keiichi Miyashita, and Kazuo Chihara	678
	Susceptibility to Reiter's Syndrome is Associated with Alleles of TAP Genes	
	Karyl S. Barron, John D. Reveille, Mary Carrington, Dean L. Mann, and Mary Ann Robinson	684
	Identification of Human T Cell Leukemia/Lymphoma Virus Type I Antibodies, DNA, and Protein in	
	Patients with Polymyositis	
	Michael P. Sherman, Rajnikant M. Amin, Pamela E. B. Rodgers-Johnson, Owen S. C. Morgan,	
	Gurendra Char, Carlos A. Mora, Robert Iannone, George H. Collins, Lawrence Papsidero,	
	Clause I Cible Is and Bound I Brian	600

A Combined Immunohistochemical an	Calcitonin Gene-Related Peptide in Rat Adjuvant Arthritis: ad Radioimmunoassay Analysis n, Marianne Schultzberg, Elvar Theodorsson, and	
New Manuscripts to be Sent to Dr. William Case Report	P. Arend	709
A Fatal Pulmonary Complication of L	upus in Pregnancy	
Laurence A. Rubin, Amir Geran, T.	Oby H. Rose, and Howard Cohen	710
Executive Summary FDA Draft Guidelines for the Clinical Children: Executive Summary	Evaluation of Antiinflammatory and Antirheumatic Drugs in	
	ell, amd Bonnie Hepburn	715
Letters	,	
Scleroderma in Women with Silicone et al	Breast Implants: Comment on the Article by Sánchez-Guerrero	
Rheumatic Disease Symptoms and Sil and the Article by Sanchez-Guerrero		719
Frank B. Vasey, Mitchel Seleznick, Reply	, Alvin F. Wells, Luis R. Espinoza, and Marta Lucia Cuellar	719
Jorge Sánchez-Guerrero, John S. S. Regarding Silicone Breast Implants an	Sergent, Peter H. Schur, and Matthew H. Liangnd Rheumatic Disorders	721
Selection of Study Population in the I	Development of Rheumatic Disease Criteria: Comment on the heumatology Diagnostic and Therapeutic Criteria Committee	nt on the
	Symmons	722
James F. Fries, Marc C. Hochberg	g, Thomas A. Medsger, Jr., Gene G. Hunder, and	
Claire Bombardier		722
Hypothalamic-Pituitary-Adrenal Effects of Nonsteroidal Antiinflammatory Drugs I. C. Chikanza		723
Applications	S Dysregulation in Healthy Subjects Undergoing Mud-Bath	724
	vano Todesco, and Lorenzo Cima	724
Reply		725
VOLUME 38	JUNE 1995	0. 6
Special Articles		
David T. Felson, Jennifer J. Ander Charles Goldsmith, Linda M. Katz Peter Tugwell, Michael Weinblatt,	Preliminary Definition of Improvement in Rheumatoid Arthritis rson, Maarten Boers, Claire Bombardier, Daniel Furst, Robert Lightfoot, Jr., Harold Paulus, Vibeke Strand, H. James Williams, Frederick Wolfe, and Stephanie Kieszak	727
Experience	nography-A Rheumatologic Bedside Procedure? A German	726
In Appreciation of Peter H. Schur, MD: E		736
	ıd	743
	Rheumatoid Arthritis-Derived Immune Complexes	744
Expression of E-Selectin Messenger	nd Frank C. Hay	744
Sandhya Lagoo-Deenadayalan, Re	enate E. Gay, and Steffen Gay	750
	nterocolitis and the Presence of the HLA-DRB1 0404 Allele rt Becker, Gavriel Fenakel, Yitzhak Abend, Zev Sthoeger,	
	r	755

Serum Hyaluronic Acid Level as a Predictor of Disease Progression in Osteoarthritis of the Knee Mohammed Sharif, Emmanuel George, Lee Shepstone, Warren Knudson, Eugene J-M. A. Thonar,	
Janet Cushnaghan, and Paul Dieppe	760
The Role of Nitric Oxide in Lipoxin A ₄ -Induced Polymorphonuclear Neutrophil-Dependent Cytotoxicity To Human Vascular Endothelium In Vitro	
Johan Bratt and Hans Gyllenhammar	768
Autoimmune Response to the Spliceosome: An Immunologic Link Between Rheumatoid Arthritis,	
Mixed Connective Tissue Disease, and Systemic Lupus Erythematosus	
Wolfgang Hassfeld, Günter Steiner, Andrea Studnicka-Benke, Karl Skriner, Winfried Graninger,	
Inge Fischer, and Josef S. Smolen	777
Clinical Science	
Finger Tendon Involvement in Rheumatoid Arthritis: Evaluation with High-Frequency Sonography	
Walter Grassi, Egidio Tittarelli, Patrizia Blasetti, Osvaldo Pirani, and Claudio Cervini	786
A Self-Administered Rheumatoid Arthritis Disease Activity Index (RADAI) for Epidemiologic	
Research: Psychometric Properties and Correlation with Parameters of Disease Activity	
Gerold Stucki, Matthew H. Liang, Susanne Stucki, Pius Brühlmann, and Beat A. Michel	795
Cardiovascular Fitness and Health in Patients with End-Stage Osteoarthritis	700
Edward F. Philbin, Gerald D. Groff, Michael D. Ries, and Thomas E. Miller	799
Osteoporosis in Rheumatoid Arthritis: A Monozygotic Co-Twin Control Study	
Philip N. Sambrook, Timothy D. Spector, Ego Seeman, Nicholas Bellamy,	
Russell R. C. Buchanan, David L. Duffy, Nicholas G. Martin, Richard Prince, Evan Owen, Alan J. Silman, and John A. Eisman	806
Spin-Spin Relaxation of Brain Tissues in Systemic Lupus Erythematosus: A Method for Increasing	000
the Sensitivity of Magnetic Resonance Imaging for Neuropsychiatric Lupus	
Wilmer L. Sibbitt, Jr., William M. Brooks, Luke J. Haseler, Richard H. Griffey, Loren M. Frank,	
Blaine L. Hart, and Randy R. Sibbitt	810
Use of Magnetic Resonance Imaging and Positron Emission Tomography in the Assessment of	
Synovial Volume and Glucose Metabolism in Patients with Rheumatoid Arthritis	
Richard P. Polisson, Oded I. Schoenberg, Alan Fischman, Robert Rubin,	
Lee S. Simon, Daniel Rosenthal, and William E. Palmer	819
The Contributions of Disease Activity, Sleep Patterns, and Depression to Fatigue in Systemic Lupus	
Erythematosus: A Proposed Model	
Paula S. McKinley, Suzanne C. Ouellette, and Gary H. Winkel	826
The Early Clinical Recognition of Juvenile-Onset Ankylosing Spondylitis and its Differentiation from	
Juvenile Rheumatoid Arthritis	
Rubén Burgos-Vargas and Janitzia Vázquez-Mellado	835
The Role of HLA Antigens as Indicators of Disease Progression in Psoriatic Arthritis: Multivariate	
Relative Risk Model	046
Dafna D. Gladman and Vernon T. Farewell	845
Comparative Prospective, Double-Blind, Multicenter Study of the Efficacy of Tiludronate and	
Etidronate in the Treatment of Paget's Disease of Bone	
C. Roux, C. Gennari, J. Farrerons, J. P. Devogelaer, H. Mulder, H. P. Kruse, C. Picot, L. Titeux, J. Y. Reginster, and M. Dougados	851
Radiologic Vignette	031
Diagnostic Use of Office-Based Ultrasound	
Burkhard F. Leeb, Ingrid Stenzel, Heinrich Czembirek, and Josef S. Smolen	859
Dermatologic Vignette	007
Gottron's Papules?	
John H. Stone, Kenneth E. Sack, Timothy H. McCalmont, and M. Kari Connolly	862
In Memoriam	
Concise Communication	
Epstein-Barr Virus-Associated Hodgkin's Lymphoma in a Rheumatoid Arthritis Patient Treated with	
Methotrexate and Cyclosporin A	
G. F. Ferraccioli, L. Casatta, E. Bartoli, S. De Vita, R. Dolcetti, M. Boiocchi, and A. Carbone	867
Letters	
On Focal Lymphocytic Sialadenitis as a Gold Standard for the Diagnosis of Sjögren's Syndrome:	
Comment on the Article by Daniels and Whitcher	
Claudio Vitali and Stefano Bombardieri	869
Reply	071
Troy E. Daniels and John P. Whitcher	870

Prevalence of Fibromyalgia in Systemic Lupus Erythematosus Patients: Comment on the Article Middleton et al		у	
		872	
Daniel J. Wallace Fibromyalgia Prevalence in Patients with Systemic Lupus Erythematosus: Comment on the Articl Middleton et al			
Thomas J. Romano		872	
Gregg D. Middleton and Peter E. Lipsky Western Blot Analysis by Image Processing: Comment on the Article by Kowal and Weinstei	Lipsky	872	
Thomas B. Ledue and Marilyn F. Collins Use of Genetic Typing Versus Other Markers for Predicting Outcome in Patients with Inflammatory Arthritis: Comment of the Article by Gough et al			
	Gough et al	873	
Reply			
Improved Methotrexate Patient Infor-			
Reply	rcón, and Larry Moreland		
Mark Millikan		875	
Book Reviews		875	
ACR Announcements		17A	
VOLUME 38	JULY 1995 N	O. 7	
	e Genes by Interferons, Interleukins, and Growth Factors by the Transcription Factors: Implications for Chronic Inflammatory		
Diseases	•	877	
Changing the Guard: Introducing the	. Larner New Editor, William P. Arend, MD		
Clinical Science			
Joint Space Measurement in Hand R	adiographs Using Computerized Image Analysis		
Michael F. James, Geoff Heald, J	ohn H. Shorter, and Robert A. Turner	891	
Markers of Bone Metabolism in Post Corticosteroids and Hormone Replace	menopausal Women with Rheumatoid Arthritis: Effects of		
G. M. Hall, T. D. Spector, and P. Radiographic Osteoarthritis of the Hi		902	
Michael C. Nevitt, Nancy E. Lane	e, Jean C. Scott, Marc C. Hochberg, Alice R. Pressman, mings, and the Study of Osteoporotic Fractures		
Research Group		907	
Abnormalities Disclosed by Needle A			
	ies of Regional Cerebral Blood Flow in the Thalamus and the	917	
Caudate Nucleus are Associated with	h Low Pain Threshold Levels		
	Bradley, Jack G. Modell, Ronald W. Alexander, A. Aaron, Katharine E. Stewart, Graciela S. Alarcón,		
and John D. Mountz		926	
Elevated Levels of Eosinophil Major	Basic Protein in the Sera of Patients with Systemic Sclerosis A. Jimenez, Kristin M. Leiferman, Gerald J. Gleich, and	120	
	······································	939	
Basic Science			
	tion by the Activated T Cell Population within the Rheumatoid		
Synovial Membrane	sikis Cong Oiu Chu, Hanrika Thomasan, Lauisa M. C. Wall		
Ravinder N. Maini, Marco Londe	sikis, Cong-Qiu Chu, Henrike Thomssen, Louise M. C. Webb, i, and Marc Feldmann	946	
	n A Fairclough Michael T Rayliss and Tim F Hardingham	953	

Editorial Measuring Relevant Change: An Emerging Challenge in Rheumatologic Clinical Paul P. Fortin Gerold Stucki and Jeffrey N. Katz.	d Trials
VOLUME 38 AUGUST 1995	NO. 8
ACR Announcements	
Reply Rowland W. Chang and Leena Sharma	1026
Douglas J. Mand	1026
by Chang and Sharma	
Why a Practicing Rheumatologist Might <i>Not</i> be Interested in Arthroscopy: Co.	mment on the Editorial
Stress Fractures in Rheumatoid Arthritis: Comment on the Article by Wei Graciela S. Alarcón and Karin V. Straaton	1025
Shinichi Sato, Manabu Fujimoto, Kanako Kikuchi, Hironobu Ihn, and Kazi	thiko Takehara 1024
Reply	
Systemic Sclerosis: Comment on the Article by Sato et al Thomas Dick, Peter Bartz-Bazzanella, and Ekkehard Genth	1024
Lack of Association Between Antihistone Antibodies and Pulmonary Fibrosis	in Patients with
Letters	
Stanley J. Naides	1023
Acute Parvovirus B19-Induced Pancytopenia in the Setting of Methotrexate Ti Arthritis	herapy for Rheumatoid
Concise Communication •	
From the Editor's Desk	
H. Ralph Schumacher, Jr. and Peter H. Schur	1019
Survey Report Surveying Our Readers and Authors	
Robert J. Hilsden, Stefan J. Urbanski, and Mark G. Swain	1014
Deficiency	
End-Stage Liver Disease Developing with the Use of Methotrexate in Heteroz	ygous α ₁ -Antitrypsin
Sylvette Bas, Rémy Griffais, Tore K. Kvien, Anne Glennas, Kjetil Melby, an Case Report	na Inomas L. Vischer . 1005
Reactive Arthritis and Undifferentiated Seronegative Oligoarthropathies	d Thomas I Window 1006
Amplification of Plasmid and Chromosome Chlamydia DNA in Synovial Fluid	
Kari I. Kivirikko, Darwin J. Prockop, and Leena Ala-Kokko	999
Pertti Mannismäki, Elena M. Meerson, Tero Klemola, Charlene Williams, 1	
Pertti Ritvaniemi, Jarmo Körkkö, Jacky Bonaventure, Miikka Vikkula, Jamo Petteri Paassilta, Ilkka Kaitila, Helena Kääriäinen, Boris P. Sokolov, Mark	
Osteoarthritis	
Identification of COL2A1 Gene Mutations in Patients with Chondrodysplasias	and Familial
Tomohiro Kato, Hiroko Sasakawa, Satoshi Suzuki, Manami Shirako, Fumio Kusuki Nishioka, and Kazuhiko Yamamoto	
Autoepitopes of the 52-kd SS-A/Ro Molecule	Tashino
Kazuhiko Takehara	985
Manabu Fujimoto, Shinichi Sato, Hironobu Ihn, Kanako Kikuchi, Kunihiko	Tamaki, and
Role of Anti-E1 α Antibody as a Serologic Indicator for Development of Primar	
Martin Keysser, Renate E. Gay, and Steffen Gay Autoantibodies to Pyruvate Dehydrogenase Complex in Patients with Systemic	
Gernot M. Keyszer, Andreas H. Heer, Jörg Kriegsmann, Thomas Geiler, A.	
Synovial Tissues of Patients with Rheumatoid Arthritis and Osteoarthritis, by	In Situ Hybridization
Comparative Analysis of Cathepsin L, Cathepsin D, and Collagenase Messenge	er RNA Expression in
Yasuo Yoshihara, Ken'Ichi Obata, Noboru Fujimoto, Kyoko Yamashita, Ta Masayuki Shimmei	ro Hayakawa, and
with Rheumatoid Arthritis	
Increased Levels of Stromelysin-1 and Tissue Inhibitor of Metalloproteinases—	
Growth Factor Responsiveness of Human Articular Chondrocytes in Aging and Pierre-André Guerne, Francisco Blanco, André Kaelin, Alain Desgeorges, a	1 Development and Martin Lotz 960
Crowth Factor Descriptions of Human Actionles Chardenestes in Asian and	I D I

Basic Science	
Levels of Circulating Collagenase, Stromelysin-1, and Tissue Inhibitor of Matrix Metalloproteinases 1 in Patients with Rheumatoid Arthritis: Relationship to Serum Levels of Antigenic Keratan Sulfate and	
Systemic Parameters of Inflammation Daniel-Henri Manicourt, Noboru Fujimoto, Ken'ichi Obata, and Eugene JM. A. Thonar The Antiinflammatory Effects of an Adenosine Kinase Inhibitor are Mediated by Adenosine	1031
Bruce N. Cronstein, Dwight Naime, and Gary Firestein	1040
Synovium Monocytes in Rheumatoid Arthritis Pascale Chomarat, Jacques Banchereau, and Pierre Miossec Interleukin-1 Receptor Antagonist in Patients with Active Systemic Lupus Erythematosus: Enhanced	1046
Production by Monocytes and Correlation with Disease Activity Hiroshi Suzuki, Hiroyuki Takemura, and Heihachiro Kashiwagi	1055
Increased Susceptibility to Oxidation of Low-Density Lipoproteins Isolated from Patients with Systemic Sclerosis	
K. Richard Bruckdorfer, Janet B. Hillary, Tim Bunce, Rama Vancheeswaran, and Carol M. Black A Human Monoclonal Antiphospholipid Antibody that is Representative of Serum Antibodies and is Germline Encoded	1060
Ian J. Harmer, Sozos Loizou, Keith M. Thompson, Alex K. L. So, Mark J. Walport, and Charles Mackworth-Young	1068
Biased T Cell Receptor V _β Gene Usage During Specific Stages of the Development of Autoimmune Sialadenitis in the MRL/lpr Mouse Model of Sjögren's Syndrome	1077
Yoshio Hayashi, Hironori Hamano, Norio Haneji, Naozumi Ishimaru, and Kumiko Yanagi Even Low-Grade Synovitis Significantly Accelerates the Clearance of Protein from the Canine Knee: Implications for Measurement of Synovial Fluid "Markers" of Osteoarthritis	10//
Stephen L. Myers, Kenneth D. Brandt, and Oron Eilam Suppression of Antigen-Induced Arthritis in Lewis Rats by Oral Administration of Type II Collagen	1085
Shin Yoshino, Emilia Quattrocchi, and Howard L. Weiner	1092
Clinical Science A Randomized, Double-Blind, Placebo-Controlled Study of CD4 Monoclonal Antibody Therapy in Early Rheumatoid Arthritis Peter A. van der Lubbe, Ben A. C. Dijkmans, Hendrik M. Markusse, Ulla Nässander, and	
Ferdinand C. Breedveld Effects of High-Dose Fish Oil on Rheumatoid Arthritis after Stopping Nonsteroidal Antiinflammatory Drugs: Clinical and Immune Correlates Joel M. Kremer, David A. Lawrence, Gayle F. Petrillo, Laura L. Litts, Patrick M. Mullaly,	1097
Richard I. Rynes, Ralph P. Stocker, Nourollah Parhami, Neal S. Greenstein, Betsy R. Fuchs, Anupum Mathur, Dwight R. Robinson, Richard I. Sperling, and Jean Bigaouette	1107
Alan R. Erickson, Vishnu Reddy, Scott A. Vogelgesang, and Sterling G. West	1115
Charles D. Radis, Leslie E. Kahl, Gary L. Baker, Mary Chester Morgan Wasko, Joseph M. Cash, Aileen Gallatin, Bertrand L. Stolzer, Amrit K. Agarwal, Thomas A. Medsger, Jr., and C. Kent Kwoh	1120
Access to Medical Care Among Persons with Musculoskeletal Conditions: A Study Using a Random Sample of Households in San Mateo County, California	
Edward Yelin, Gerson Bernhard, and Diane Pflugrad Incidence of Symptomatic Hand, Hip, and Knee Osteoarthritis Among Patients in a Health Maintenance Occasionation	1128
Maintenance Organization Susan A. Oliveria, David T. Felson, John I. Reed, Priscilla A. Cirillo, and Alexander M. Walker Development of an Observation Method for Assessing Pain Behaviors in Children with Juvenile	1134
Rheumatoid Arthritis Theresa M. Jaworski, Laurence A. Bradley, Louis W. Heck, Alex Roca, and Graciela S. Alarcón.	1142
Case Reports	
Photoexacerbation of Cutaneous Lupus Erythematosus due to Ultraviolet A Emissions from a Photocopier	
Laura R. Klein, Craig A. Elmets, and Jeffrey P. Callen	1152

Jörg C. Hoffmann, Di	Year-Old Forest Owner with Symptoms of Dermatomyositis Oirk O. Stichtenoth, Henning Zeidler, Markus Follmann, Almuth Brandis, Oirgen Wollenhaupt	1157
Rheumatology Grand Rounds		****
Fever, Arthralgias, Skin Conference	Lesions, and Ischemic Digits in a 59-Year-Old Man: Clinicopathologic	
Ellen M. Gravallese (I	(Moderator), Carol Waksmonski (Consultant), Gayle L. Winters (Pathologist), is (Discussant)	1161
The American Board of Inter	rnal Medicine Recertification Program in Rheumatology	1101
W. G. Johanson, Rola	land W. Moskowitz, and Lynn O. Langdon	1169
Concise Communication		
T Cell Epitope Mapping		
	ıki Kokubun, Tomoe Nishimaki, Reiji Kasukawa, Hitoshi Ohto, , and Sylviane Muller	1170
Letters	, and Sylviane Mutter	11/0
Effect of Patient Populat	tion Characteristics in Assessing the Efficacy and Toxicity of Methotrexate in Comment on the article by Weinblatt et al	
	Hilary Capell	1173
Reply		
Michael E. Weinblatt	!	1173
Communication by Nikk		
	and Roland Staud	1174
Reply	Vainionpää, Paavo Toivanen, Wolfgang L. Gross, Nouhad Mistry,	
	limir Szpirt, Bo Baslund, and Allan Wiik	1175
	umi Spat, Do Busiana, and Audit With	
VOLUME 38	SEPTEMBER 1995	10.9
Clinical Science		
Blind, Placebo-Controlle	a Fusion Protein (DAB ₄₈₆ IL-2) in Refractory Rheumatoid Arthritis: A Double- ed Trial with Open-Label Extension	
E. Schrohenloher, Ro	K. Lea Sewell, David E. Trentham, R. Pat Bucy, William F. Sullivan, Ralph obert H. Shmerling, Karen C. Parker, William G. Swartz,	1122
	th, and William J. Koopman Efractory Rheumatoid Arthritis with Humanized Monoclonal Antibody	. 11//
	istered by Daily Subcutaneous Injection	4
Eric L. Matteson, Da	avid E. Yocum, E. William St. Clair, Antonio A. Achkar,	
	Mary R. Jacobs, Anita E. Hays, Catherine K. Heitman,	
Light and Electron Micr	roscopic Analysis of Sequential Liver Biopsy Samples from Rheumatoid	. 1187
	ving Long-Term Methotrexate Therapy: Followup Over Long Treatment	
Longitudinal Study of H	on with Clinical and Laboratory Variables	
	on with Clinical and Laboratory Variables rdon I. Kaye, Nancy W. Kaye, Kamal G. Ishak, and Constantine A. Axiotis. Hand Bone Densitometry in Rheumatoid Arthritis	
	on with Clinical and Laboratory Variables rdon I. Kaye, Nancy W. Kaye, Kamal G. Ishak, and Constantine A. Axiotis.	
Sleep Electroencephalog Fibromyalgia	on with Clinical and Laboratory Variables rdon I. Kaye, Nancy W. Kaye, Kamal G. Ishak, and Constantine A. Axiotis. Hand Bone Densitometry in Rheumatoid Arthritis Brabyn, Peter W. Jones, Martin J. Davis, and Anthony D. Woolf graphy and the Clinical Response to Amitriptyline in Patients with	. 1204
Sleep Electroencephalog Fibromyalgia Simon Carette, Geral A Longitudinal Study of	on with Clinical and Laboratory Variables rdon I. Kaye, Nancy W. Kaye, Kamal G. Ishak, and Constantine A. Axiotis. Hand Bone Densitometry in Rheumatoid Arthritis Brabyn, Peter W. Jones, Martin J. Davis, and Anthony D. Woolf graphy and the Clinical Response to Amitriptyline in Patients with ald Oakson, Chantal Guimont, and Mircea Steriade Functional Disability in a National Cohort of Patients with	. 1204
Sleep Electroencephalog Fibromyalgia Simon Carette, Geral A Longitudinal Study of Polymyositis/Dermatomy Ann E. Clarke, Danie	on with Clinical and Laboratory Variables rdon I. Kaye, Nancy W. Kaye, Kamal G. Ishak, and Constantine A. Axiotis. Hand Bone Densitometry in Rheumatoid Arthritis Brabyn, Peter W. Jones, Martin J. Davis, and Anthony D. Woolf graphy and the Clinical Response to Amitriptyline in Patients with ald Oakson, Chantal Guimont, and Mircea Steriade Functional Disability in a National Cohort of Patients with	. 1204
Sleep Electroencephalog Fibromyalgia Simon Carette, Geral A Longitudinal Study of Polymyositis/Dermatomy Ann E. Clarke, Danie Nonsteroidal Antiinflams James E. Dowd, Rola	on with Clinical and Laboratory Variables rdon I. Kaye, Nancy W. Kaye, Kamal G. Ishak, and Constantine A. Axiotis Hand Bone Densitometry in Rheumatoid Arthritis Brabyn, Peter W. Jones, Martin J. Davis, and Anthony D. Woolf	. 1204 . 1211 . 1218
Sleep Electroencephalog Fibromyalgia Simon Carette, Geral A Longitudinal Study of Polymyositis/Dermatomy Ann E. Clarke, Danie Nonsteroidal Antiinflam James E. Dowd, Rola Number of Children as a	on with Clinical and Laboratory Variables rdon I. Kaye, Nancy W. Kaye, Kamal G. Ishak, and Constantine A. Axiotis Hand Bone Densitometry in Rheumatoid Arthritis Brabyn, Peter W. Jones, Martin J. Davis, and Anthony D. Woolf	. 1204 . 1211 . 1218 . 1225

Degenerative Lumbar Spinal Stenosis: Diagnostic Value of the History and Physical Examination Jeffrey N. Katz, Marianne Dalgas, Gerold Stucki, Nathaniel P. Katz, James Bayley,	
Anne H. Fossel, Lily C. Chang, and Stephen J. Lipson	1226
Clinical Image	1230
Finger Autoamputation Secondary to Untreated Gouty Arthritis	
Arnoldo Kraus and Xavier Valencia	1241
Basic Science	
Emergence of Oligoclonal T Cell Populations Following Therapeutic T Cell Depletion in Rheumatoid	
Arthritis Michael C. Landro, Tom Conton Frio I. Matteren, Convolin M. Woward, and Line I. Consum.	1242
Michael C. Jendro, Tom Ganten, Eric L. Matteson, Cornelia M. Weyand, and Jörg J. Goronzy Hematologic and Cytofluorographic Analysis of Patients with Felty's Syndrome: A Hypothesis that a Discrete Event Leads to Large Granular Lymphocyte Expansions in this Condition	1242
S. J. Bowman, V. Corrigall, G. S. Panayi, and J. S. Lanchbury	1252
Incidence of Systemic Lupus Erythematosus: Race and Gender Differences Daniel J. McCarty, Susan Manzi, Thomas A. Medsger, Jr., Rosalind Ramsey-Goldman,	
Ronald E. LaPorte, and C. Kent Kwoh	1260
Heterogeneity in the Expression of Ro and La Antigens in Human Skin	
Yayoi Niimi, Demetris Ioannides, Jill Buyon, and Jean-Claude Bystryn	1271
Klebsiella pneumoniae-Reactive T Cells in Blood and Synovial Fluid of Patients with Ankylosing Spondylitis: Comparison with HLA-B27+ Healthy Control Subjects in a Limiting Dilution Study and Determination of the Specificity of Synovial Fluid T Cell Clones	
Elisabeth Hermann, Bernd Sucké, Ulf Droste, and Karl-Hermann Meyer zum Büschenfelde	1277
Hendrik Schulze-Koops, Harald Burkhardt, Jürgen Heesemann, Klaus von der Mark, and	1000
Frank Emmrich Effects of Tenidap on Canine Experimental Osteoarthritis. I. Morphologic and Metalloprotease	1283
Analysis	
Julio C. Fernandes, Johanne Martel-Pelletier, Ivan G. Otterness, Arturo Lopez-Anaya,	
François Mineau, Ginette Tardif, and Jean-Pierre Pelletier	1290
Signal Transduction Through Chondrocyte Integrin Receptors Induces Matrix Metalloproteinase	
Synthesis and Synergizes with Interleukin-1	
E. C. Arner and M. D. Tortorella	1304
Rheumatology Grand Rounds	
Loosening of a Revision Total Hip Replacement in a 60-Year-Old Woman with Longstanding	
Rheumatoid Arthritis: Clinicopathologic Conference	
Ellen M. Gravallese (Moderator), Barbara N. Weissman (Radiologist), Gilbert Brodsky	
(Pathologist), James Maguire (Consultant), and Don L. Goldenberg (Discussant)	1315
Case Reports	
Tuberculous and Foreign-Body Granulomatous Reactions Involving a Total Knee Prosthesis	1225
Rodney H. Lusk, Eugene C. Wienke, Thomas W. Milligan, and Thomas E. Albus	1323
Ulf Müller-Ladner, Jörg Kriegsmann, Renate E. Gay, William J. Koopman, Steffen Gay, and W. Winn Chatham	1328
Glomerulonephritis Associated with Complete Deficiency of the Fourth Component of Complement: Response to Intravenous Immunoglobulin	1520
Thomas R. Welch, A. James McAdams, and Linda S. Beischel	1333
Hydatid Disease: An Unusual Cause of Chronic Monarthritis	1333
E. Campoy, J. Rodriguez-Moreno, J. Del Blanco, J. Narvaez, T. Clavaguera, and D. Roig-Escofet	1229
Concise Communications	1330
Association of HLA-DR5 (Possibly DRB1*1201) with the Primary Antiphospholipid Syndrome in Mexican Patients	
Gilberto Vargas-Alarcon, Julio Granados, Carolina Bekker, Jorge Alcocer-Varela, and	
Donato Alarcón-Segovia	1340
Cytarabine Therapy for Refractory Cutaneous Lupus	
Raymond L. Yung and Bruce C. Richardson	1341
Letters	
Clomiphene Therapy and Its Potential Role in Rheumatic Symptoms: Comment on the Article by A. and E. Ben-Chetrit	
Janice M G Canvin and Hilary A Canell	1344

Reply		
A. Ben-Chetrit and E. Be	en-Chetrit	1344
Severity of Rheumatoid Art	thritis in Greek versus English Patients: Comment on the Article by	
Drosos et al		
D. Christodoulou	***************************************	1344
Reply		1344
		1245
		1343
Michael I Ecister	Lung Disease: Comment on the Article by Steen et al	
Michael J. Fairfax	***************************************	1345
	Hyperostosis: Comment on the Clinical Image by Kraus and	
Valencia		
Tom Hughes and C. M.	Wiles	1345
Reply		
	er Valencia	1345
	farkers of the Rheumatoid Arthritis Synovial Membrane: Comment on the	1010
article by Qu et al	tarkers of the Kilcullatold Artiffels Syllovial Melliorane. Collinell on the	
	al Farmish Haman Bail Band VI. I. VI. C. I.	
	nk Emmrich, Hermann Bail, Bernd Kladny, Klaus Schaser,	
	fried Mohr	1346
Reply		
	R. Planck, and James T. Rosenbaum	1347
Methotrexate as a Steroid-S	Sparing Agent in Cogan's Syndrome: Comment on the Concise	
Communication by Richard		
	pe Vinceneux, Didier Bouccara, Olivier Sterkers, and Bernard Bodelet	1348
Reply	pe rincencua, Duner Bouccura, Ourier Sterkers, and Bernara Boucter	1340
Prusa Pichardean		1240
Druce Richardson	E. C. A. D. A. C. T. G. A. D. A. C. 11.1	1349
	row Fat in the Development of an Inflammatory Response to Sickled	
Erythrocytes: Comment on	the Article by Mann and Schumacher	
Daniel J. McCarty and I	Roland W. Moskowitz	1349
Reply		
H. Ralph Schumacher, J	Jr	1349

VOLUME 38	OCTOBER 1995). 10
Special Auticles		
Special Articles	and and Bouch desired Impact of Monaulashalatal Conditions	
The Economic Cost and So	ocial and Psychological Impact of Musculoskeletal Conditions	1251
	F. Callahan, for the National Arthritis Data Work Group	1331
	Associated with Rheumatic Diseases: Neuropsychological Perspectives	
	usan D. Denburg, and Judah A. Denburg	1363
Basic Science		
Characterization of Biologi	cally Active Antineutrophil Cytoplasmic Antibodies Induced in Mice:	
Pathogenetic Role in Exper	rimental Vasculitis	
Yaron Tomer, Boris Gill	burd, Miri Blank, Ofer Lider, Rami Hershkoviz, Perina Fishman,	
Rosa Zigelman, Piere-L.	uigi Meroni, Alan Wiik, and Yehuda Shoenfeld	1375
	Autoantibodies Established from the (New Zealand White × BXSB)F ₁	
	pholipid Syndrome Cross-React with Oxidized Low-Density Lipoprotein	
	yuki Kurata, Satoru Kosugi, Masamichi Shiraga, Hirokazu Kashiwagi,	
		1202
	zuru Kanakura, Robert A. Good, and Yuji Matsuzawa	1382
	is-Specific Mi-2 Autoantigen Is a Presumed Helicase Involved in	
Transcriptional Activation		
Hans Peter Seelig, Isab	elle Moosbrugger, Hans Ehrfeld, Thomas Fink, Manfred Renz, and	
Ekkehard Genth		1389
Use of an Antibody Against	st the Matrix Metalloproteinase-Generated Aggrecan Neoepitope	
	ss the Effects of Stromelysin in a Rabbit Model of Cartilage Degradation	
	en L. MacNaul, Susan A. Donatelli, Amy Christen, Patrick R. Griffin,	
	y R. Calaycay, Julia M. Ayala, Kevin Chapman, William Hagmann,	
Loffrey P Waidney Jon	eph McDonnell, Vernon L. Moore, Richard A. Mumford, Michael W. Lark,	
Jeffrey R. Weianer, Jose	on millionell, vernon L. Moore, Runara A. Municora, Michael W. Lark.	
	7	1400

Alteration of Chlamydia trachomatis Biologic Behavior in Synovial Membranes: Suppression of	
Surface Antigen Production in Reactive Arthritis and Reiter's Syndrome	
Ratanavadee Nanagara, Feng Li, Anna Beutler, Alan Hudson, and H. Ralph Schumacher, Jr	1410
Antibodies to Synovial Antigens in Recent-Onset Rheumatoid Arthritis	4 4 4 6
Geoffrey J. McColl, David S. Cram, and Leonard C. Harrison	1418
linical Science	
Translation and Validation of Arthritis Outcome Measures into Spanish	1.400
Virginia M. González, Anita Stewart, Philip L. Ritter, and Kate Lorig	1429
Tenidap in Rheumatoid Arthritis: A 24-Week Double-Blind Comparison with	
Hydroxychloroquine-Plus-Piroxicam, and Piroxicam Alone	
Warren D. Blackburn, Jr., H. Malin Prupas, Joel C. Silverfield, Jeffrey E. Poiley,	
Jacques R. Caldwell, Ronald L. Collins, Michael J. Miller, David H. Sikes, Herbert Kaplan,	
Roy Fleischmann, Craig D. Scoville, Joel E. Rutstein, Eric R. Hurd, James S. Louie, Arthur D. Bankhurst, Arthur L. Weaver, Anthony I. Sebba, Daniel J. Appelrouth,	
Norman P. Hudson, Gary V. Gordon, Richard D. Gordon, Charles L. Ludivico, Mitchell C. Austin, Karen M. Sanders, Patrick T. Schuette, Robert A. Moidel, Allen R. Kraska,	
	1447
Naitee Ting, William R. Shanahan, Jr., and Leland D. Loose Reduction of Synovial Inflammation After Anti-CD4 Monoclonal Antibody Treatment in Early	144/
Reduction of Synovial Inflammation After Anti-CD4 Monocional Antibody Treatment in Early Rheumatoid Arthritis	
Paul P. Tak, Peter A. van der Lubbe, Alberto Cauli, Mohamed R. Daha, Tom J. M. Smeets,	
Philip M. Kluin, A. Edo Meinders, Ghada Yanni, Gabriel S. Panayi, and Ferdinand C. Breedveld.	1457
Prediction of Progression of Radiologic Damage in Newly Diagnosed Rheumatoid Arthritis	1437
Agnes van der Heide, Carol Ann Remme, Dirk M. Hofman, Johannes W. G. Jacobs, and	
Johannes W. J. Bijlsma	1466
Identification of Patient Subsets Among Those Presumptively Diagnosed with, Referred, and/or	1400
Followed Up for Systemic Lupus Erythematosus at a Large Tertiary Care Center	
Jaime Calvo-Alén, Holly M. Bastian, Karin V. Straaton, Sheila L. Burgard, Isis S. Mikhail, and	
Graciela S. Alarcón	1475
Presence of Nucleosome-Restricted Antibodies in Patients with Systemic Lupus Erythematosus	1415
Henri Chabre, Zahir Amoura, Jean-Charles Piette, Pierre Godeau, Jean-François Bach, and	
Sophie Koutouzov	1485
Causes of Death in Systemic Lupus Erythematosus: Long-Term Followup of an Inception Cohort	
Michael M. Ward, Elise Pyun, and Stephanie Studenski	1492
The Incidence and Natural History of Knee Osteoarthritis in the Elderly: The Framingham	
Osteoarthritis Study	
David T. Felson, Yuqing Zhang, Marian T. Hannan, Allan Naimark, Barbara N. Weissman,	
Piran Aliabadi, and Daniel Levy	1500
Quantitative Bone Scintigraphy in the Management of Monostotic Paget's Disease of Bone	
Sanjeev Patel, Derek Pearson, and David J. Hosking	1506
Lack of Detection of Enteroviral RNA or Bacterial DNA in Magnetic Resonance Imaging-Directed	
Muscle Biopsies from Twenty Children with Active Untreated Juvenile Dermatomyositis	
Lauren M. Pachman, Deborah L. Litt, Anne H. Rowley, Jennifer R. Hayford, Janice Caliendo,	
Scott Heller, Baruch S. Ticho, Mary Christensen, Bruce Patterson, Steven R. Ytterberg, and	
Mark Pallansch	1513
Case Report	
Adult Respiratory Distress Syndrome in Polymyositis Patients with the Anti-Jo-1 Antibody	1510
	1519
Clinical Image	
Silicone Synovitis	1500
Jay Kenik	1523
Concise Communications Ureaplasma urealyticum Destructive Septic Polyarthritis Revealing a Common Variable	
Immunodeficiency	
Xavier Puéchal, Pascal Hilliquin, Mario Renoux, Charles J. Menkès, Hélène Renaudin, and	
Christiane Bébéar	1524
Polymerase Chain Reaction–Based Genotyping of the Constant Segment of Immunoglobulin κ Shows	1527
Weak or No Association with Rheumatoid Arthritis	
Rovinder Singh, Jinfeng Han, and George Moxley	1526
Letters	
Diagnosing Cytomegalovirus Pneumonia: Comment on the Concise Communication by Aglas et al	
Michael C. Sneller and Michael A. Polis	1528

Reply	lainer Local Harmon, Ludish Constant Elizabeth Hand W. K.	
and Guenter J. Kreis	ainer, Josef Hermann, Judith Gretler, Elisabeth Hüttl, Wolfgang Domej,	1530
	itric Oxide Synthase in Articular Chondrocytes in the Pathogenesis of	1328
Arthritic Swelling	ithe Oxide Synthase in Articular Chondrocytes in the Pathogenesis of	
	sterlund	1520
Reply	51C/1M/14	1349
	novic-Racic	1530
Significance of Cytokine Mea	asurements in Patients with Juvenile Rheumatoid Arthritis: Comment on	1330
the Article by Mangge et al	isdictions in Fatients with Juvetine Rheumatoid Artificis. Comment on	
	Rajan Madhok	1531
Reply	Najan maanok	1331
	rad Schauenstein	1531
Praise to Our Deficiencies	uu Denuutastin	1331
Robert G Hylland		1532
	•••••••	
ACR Announcements		QA
ALL ALMOGRACIONS		200
VOLUME 20	NOVEMBER 1005 NO), 11
VOLUME 38	NOVEMBER 1995	
Special Articles		
	About Practice Guidelines	
		1533
	Management of Osteoarthritis. Part I. Osteoarthritis of the Hip	
	D. Altman, Kenneth D. Brandt, Bruce M. Clark, Paul A. Dieppe,	
	W. Moskowitz, and Thomas J. Schnitzer	1535
	Management of Osteoarthritis. Part II. Osteoarthritis of the Knee	
	D. Altman, Kenneth D. Brandt, Bruce M. Clark, Paul A. Dieppe,	
Marie R. Griffin, Roland	W. Moskowitz, and Thomas J. Schnitzer	1541
	ondylarthropathies: Persistent Bacterial Antigen, Autoimmunity, or Both?	
Joachim Sieper and Jürge	en Braun	1547
	ory Testing: Assessing Tests that Assess Disease Activity	
		1555
	for Geographic Clusters of Systemic Lupus Erythematosus:	
Critical Review		
Daniel J. Wallace and Fro	ancisco P. Quismorio, Jr	1564
Clinical Science		
	Should be Used in Rheumatoid Arthritis Clinical Trials? Clinical and	
Quality-of-Life Measures' Re	esponsiveness to Treatment in a Randomized Controlled Trial	
	ire Bombardier, Maria Yeung, and Peter Tugwell	1568
	rolled Multicenter Trial Using Chimeric Monoclonal Anti-CD4 Antibody,	
	thritis Patients Receiving Concomitant Methotrexate	
	s W. Pratt, Maureen D. Mayes, Arnold Postlethwaite,	
Michael H. Weisman, Tho	omas Schnitzer, Robert Lightfoot, Leonard Calabrese, David J. Zelinger,	
James N. Woody, and Wi	illiam J. Koopmaned Monoclonal Antibody, in Refractory Rheumatoid Arthritis:	1581
An Intravenous Dose-Escala		
	ter J. Maddison, Ken J. Bulpitt, Brian L. Hazleman, Murray B. Urowitz,	
Roger D. Sturrock, Jonath	than S. Coblyn, Agnes L. Maier, William R. Spreen, Vasant K. Manna,	
and Jeffrey M. Johnston		1589
	Leflunomide in the Treatment of Patients with Active Rheumatoid	
	omized, Placebo-Controlled, Phase II Study	
Vlastimir Mladenovic, Zla	atko Domljan, Blaz Rozman, Ivo Jajic, Dimitrije Mihajlovic,	
Jovan Dordevic, Milan Po	opovic, Miroslava Dimitrijevic, Milutin Zivkovic, Giles Campion,	1505
	w-Friedrich, Christine Oed, Hildegard Seifert, and Vibeke Strand	1395
	ne in Psoriatic Arthritis: A Preliminary Report	
	M. Baird, Michael H. Weisman, Diane G. Amox, Mary Spellman,	1000
	s J. Carrera, and Dennis A. Carson	1604
Quantification of Rheumatoi	d Synovitis by Magnetic Resonance Imaging	1610
Karl Cattura John Cook	son David Blake Adam Coumbe and Seling Blades	1610

Peripheral Neuropathy with Necrotizing Vasculitis in Rheumatoid Arthritis: A Clinicopathologic and Prognostic Study of Thirty-Two Patients	
Xavier Puéchal, Gerard Said, Pascal Hilliquin, Joel Coste, Chantal Job-Deslandre,	
Catherine Lacroix, and Charles J. Menkès	1618
Predictors of Work Disability in Rheumatoid Arthritis Patients: A Five-Year Followup Susan Reisine, Julia McQuillan, and Judith Fifield	
Susan Reisme, Juna McQuittan, and Juatin Fijeta	1030
Corticosteroids Plus Pulse Cyclophosphamide and Plasma Exchanges Versus Corticosteroids Plus	
Pulse Cyclophosphamide Alone in the Treatment of Polyarteritis Nodosa and Churg-Strauss	
Syndrome Patients with Factors Predicting Poor Prognosis: A Prospective, Randomized Trial in	
Sixty-Two Patients	
Loïc Guillevin, François Lhote, Pascal Cohen, Bernard Jarrousse, Olivier Lortholary,	
Thierry Généreau, Anne Léon, and Annette Bussel	1638
Treatment of Calcinosis with Diltiazem	
Genaro M. A. Palmieri, Jeno I. Sebes, Jacob A. Aelion, Mohamed Moinuddin, Morris W. Ray,	
George C. Wood, and Marvin R. Leventhal	1646
Basic Science	
Selection of a Gene for Apolipoprotein A1 Using Autoantibodies From a Patient with Systemic Lupus	
Erythematosus	
Joan T. Merrill, Eugene Rivkin, Christine Shen, and Robert G. Lahita	1655
Antibody Reactivity to the HRES-1 Endogenous Retroviral Element Identifies a Subset of Patients	1000
with Systemic Lupus Erythematosus and Overlap Syndromes: Correlation with Antinuclear	
Antibodies and HLA Class II Alleles	
Andras Perl, Emanuela Colombo, Huiliang Dai, Rajeev Agarwal, Kenneth A. Mark,	
Katalin Banki, Bernard J. Poiesz, Paul E. Phillips, Sallie O. Hoch, John D. Reveille,	1660
and Frank C. Arnett	1660
Association of HLA-B39 with HLA-B27-Negative Ankylosing Spondylitis and Pauciarticular	
Juvenile Rheumatoid Arthritis in Japanese Patients: Evidence for a Role of the Peptide-Anchoring	
B Pocket	
Akihiro Yamaguchi, Naoyuki Tsuchiya, Hiroshi Mitsui, Michiko Shiota, Atsuko Ogawa,	
Katsushi Tokunaga, Sadayoshi Yoshinoya, Takeo Juji, and Koji Ito	1672
In Vivo Effects of Stromelysin on the Composition and Physical Properties of Rabbit Articular	
Cartilage in the Presence and Absence of a Synthetic Inhibitor	
Lawrence J. Bonassar, Kimberly A. Jeffries, Eliot H. Frank, Vernon L. Moore, Michael W. Lark,	
Ellen K. Bayne, Joseph McDonnell, Julie Olszewski, William Hagmann, Kevin Chapman, and	
Alan J. Grodzinsky	1678
Somatostatin-Induced Modulation of Inflammation in Experimental Arthritis	
Marco Matucci-Cerinic, Francesco Borrelli, Sergio Generini, Alfredo Cantelmo, Isabella	
Marcucci, Fabrizio Martelli, Paolo Romagnoli, Stefano Bacci, Angelo Conz, Paolo Marinelli, and	
Simone Marabini	1687
Rheumatoid Synovial Fibroblast Adhesion to Human Articular Cartilage: Enhancement by Neutrophil	1007
Proteases	
Lewis McCurdy, W. Winn Chatham, and Warren D. Blackburn, Jr.	1694
Case Reports	1074
A Reexamination of the Relationship Between Active Rheumatoid Arthritis and the Acquired	
Immunodeficiency Syndrome	
Matthew H. Ornstein, Leslie Dubin Kerr, and Harry Spiera	1701
	1701
Carpal Tunnel Syndrome Due to T Cell Lymphoma	
Xavier Chevalier, Olivier Hermine, Francois-Jerome Authier, Philippe Gaulard, and	1707
Romain K. Gherardi	1/0/
Concise Communication	
Brain Abscess Mimicking Giant Cell (Temporal) Arteritis	1710
Roland Staud and Ralph C. Williams, Jr.	1/10
Clinical Image	
Ear Ulceration in Discoid Lupus Erythematosus	
Xavier Valencia and Arnoldo Kraus	1712
Letters	
IgM Deficiency in Systemic Lupus Erythematosus Patients	
Ayşen Sivri and Zafer Hasçelik	1713
Frequency of Mannose-Binding Protein Deficiency in Patients with Systemic Lupus Erythematosus	
Giorgio Senaldi, Edward T. Davies, Mark Peakman, Diego Vergani, Jinhua Lu, and	
Kenneth B. M. Reid	1713

Book Review		1714
ACK Amountements	***************************************	10A
VOLUME 38	DECEMBER 1995	NO. 12
Special Articles		
	ism: An HLA Update	
Barbara S. Nepom and Gerald	l T. Nepom	1715
Review: Effects of Immunosuppro	essive Drugs During Pregnancy	170
Winners of the 1995 ACR Slide C Rheumatic Diseases	A. Hill	Slide Collection on the
Michael J. Maricic and the AC	CR Audiovisual Aids Subcommittee	
Basic Science		
Arthritis	95 in Systemic Lupus Erythematosus and Ju	
	ammer, Karen B. Onel, Thomas J. A. Lehmo	
Lack of Correlation Between Ser	rum Soluble Fas/APO-1 Levels and Autoimm William St. Clair, Judith A. Fleming, David	nune Disease
Negatively Charged Residues Into DRB1*0401	eracting with the p4 Pocket Confer Binding	Specificity to
Susan L. Woulfe, Christine P.	Bono, Michelle L. Zacheis, Dawn A. Kirsch	mann, Troy A. Baudino,
Craig Swearingen, Robert W.	Karr, and Benjamin D. Schwartz	
The Genotypic Distribution of Sh	nared-Epitope DRB1 Alleles Suggests a Rece	ssive Mode of
Toni I Evans Jinfena Han P.	rthritis Disease-Susceptibility Gene lovinder Singh, and George Moxley	175
	id Synovium: Localization of p50 and p65	
Malcolm L. Handel, Linda B.	McMorrow, and Ellen M. Gravallese	176
	aneous Rheumatoid Factor-Secreting B Cell	
Arthritis Patients Depends on En	dogenous Interleukin-10	
Lisardo Perez, Javier Orte, an	nd José A. Brieva	
by Clodronate-Containing Liposo		
	B. Schmidt-Weber, Ralph Hoppe, Eberhard E	
	hard Nürnberg, and Frank Emmrich mal Model of Scleroderma Displaying Cutan	
Mononuclear Cell Infiltration	mai Model of Scieroderma Displaying Cutan	cous i lorosis and
	Peters, David Hawkins, Linda D. Siracusa, a	and Sergio A. Jiménez 179
Clinical Science		_
	thotrexate, and the Combination of the Two ight-Week Controlled Clinical Trial with Rac	
	harp, Donald Stablein, Carolly Marks, and I	Robert Wortmann 179
	Clinical Outcomes in Rheumatoid Arthritis	tober worman 172
	arr, Susan P. Buckelew, Renée C. Stucky-Ro	opp, John E. Hewett,
	ght, William S. Irvin, and Sara E. Walker	
	in Patients with Joint Disease: A Prospective	
Carola J. E. Kaandorp, Dirkja	an van Schaardenburg, Pieta Krijnen, J. Dik	F. Habbema, and
Mart A. F. J. van de Laar	emic Lupus Erythematosus: Results of a Dou	able Dlind
Placebo-Controlled, Randomized		ible-blind,
	Edgar G. Engleman, and James L. McGuire	
Skewed Distribution of IgG Fc R	eceptor IIa (CD32) Polymorphism is Associa	ated with Renal Disease
in Systemic Lupus Erythematosu	s Patients	
	otsma, Ronald H. W. M. Derksen, Peter E. S.	
	J. A. Capel, Nomdo A. C. Westerdaal, Ger	
Frits H. J. Gmelio-Meyling, an	nd Jan G. J. van de Winkel	1832

Analysis of Anti-U1 RNA Antibodies in Patients with Connective Tissue Disease: Association with	
HLA and Clinical Manifestations of Disease	
Robert W. Hoffman, Gordon C. Sharp, and Susan L. Deutscher	1837
Segregation of Autoantibodies with Disease in Monozygotic Twin Pairs Discordant for Systemic	
Sclerosis: Three Further Cases	
Neil J. McHugh, Georgina R. Harvey, Jean Whyte, and J. Kevin Dorsey	1845
Case Reports	
Regression of the Nephrotic Syndrome in Rheumatoid Arthritis and Amyloidosis Treated with	
Azathioprine: A Case Report	
Deborah L. Shapiro and Harry Spiera	1851
A Patient with Antineutrophil Cytoplasmic Antibody-Negative Pulmonary Capillaritis and Circulating	
Primed Neutrophils	
David M. Nierman, Thomas H. Kalb, Matthew H. Ornstein, and Joan Gil	1855
Concise Communication	
Mixed Cryoglobulinemia as a Possible Preneoplastic Disorder	
Luca La Civita, Anna Linda Zignego, Monica Monti, Giovanni Longombardo, Giampiero Pasero,	
and Clodoveo Ferri	1859
Letters	1007
Cytomegalovirus in Methotrexate-Treated Rheumatoid Arthritis Patients: Comment on the Concise	
Communication by Aglas et al	
Simon Bowman and Alastair Mowat	1861
Reply	1001
Ferdinand Aglas, Franz Rainer, Josef Hermann, Judith Gretler, and Guenter J. Krejs	1862
The Total Cost of Drug Therapy for Rheumatoid Arthritis: Comment on the Article by Prashker and	1002
Meenan Meenan	
Howard L. Feinberg	1862
Reply	1002
Mark Prashker and Robert F. Meenan	1863
CD80 Expression in Rheumatoid Arthritis: Comment on the Article by Ranheim and Kipps	1003
Ranjeny Thomas and Peter E. Lipsky	1863
Reply	1003
Erik A. Ranheim and Thomas J. Kipps	1864
Long-Term Treatment with Every-Other-Week Methotrexate in Rheumatoid Arthritis Patients with	1004
Sustained Disease Improvement: Comment on the Article by Kremer et al	
Sanford H. Roth	1865
Reply	1005
Joel M. Kremer	1966
Reviewers	
Contents, Volume 38, 1995.	
Indexes	
	1071

